

STATE OF MICHIGAN



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*pt. HENNEPIN*

NATURAL RESOURCES COMMISSION

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DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING  
BOX 30028  
LANSING, MI 48909  
HOWARD A. TANNER, Director

July 15, 1980

Mr. Gary R. Mannesto, Chief  
General Regulatory Branch  
U. S. Corps of Engineers  
Box 1027  
Detroit, Michigan 48231



Re: Modification of  
Corps Permit 79-07-38

Dear Mr. Mannesto:

As requested in your letter concerning the modification of Permit 79-07-38 to place approximately 800,000 cubic yards of distiller blow-off (DBO) and waste oil material into the Pointe Hennepin craters, the Department of Natural Resources has reviewed this proposed modification in reference to Act 64. It has been determined that the information supplied is insufficient for the Department to make a decision as to the acceptability of these materials from Zug Island for Pointe Hennepin. The Office of Toxic Materials (OTMC) has determined under 1979 PA 64 that the DBO and the waste oil material must be evaluated to determine if either is a hazardous waste. If either the DBO or the oil-saturated material is determined to be hazardous under 1979 PA 64, it could only be placed in an approved licensed hazardous waste disposal site. This determination can only be made from a leachate test, which presently has not been performed.

The OTMC is also concerned with the possibility of toxic substances in the Zug Island material leaching into the water contained in the crater. If that water is discharged to any waters of the State of Michigan, it will require an NPDES permit or Water Quality Certification Clearance from the Department. Act 60, Public Acts of 1976, prohibits the discharge of PCBs to the waters of the state. The DBO solids do contain trace amount of PCB. Only a leachate test will determine if the PCB will leach to the crater water.

The disposal of the waste is also subject to the provisions of 1979 PA 641, as amended, which requires a solid waste disposal area license to be obtained prior to placement of the Zug Island material in the craters since this material is a solid waste. Resource Recovery Division and the Wayne County Health Department are presently working with BASF Wyandotte on licensing Pointe

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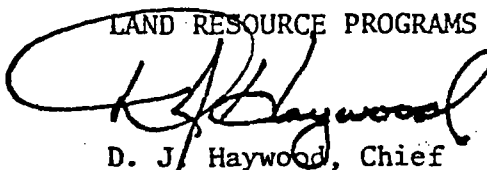
Hennepin as a landfill under Act 641. However, the type of landfill license required will depend on if the Zug Island material is determined to be a hazardous waste. Thus, it is the recommendation of the Department of Natural Resources that representative samples of the rubble and cores of DBO be obtained and a leach test performed on each of these materials according to Act 64 protocols. The leachate obtained from both of the materials should be tested for heavy metals, acid extractable, base/neutral extractable and purgeable EPA Priority Pollutants as well as other materials specified under Act 64. The same analysis should be performed according to protocols set forth in 40 CFR 136. The leaching protocol, if needed, can be obtained from this office.

Until leachate information is supplied for our evaluation, the Department must object to the proposed modification of Corps Permit 79-07-38.

If there are any questions concerning this matter, please contact me.

Sincerely,

LAND RESOURCE PROGRAMS DIVISION



D. J. Haywood, Chief  
Land, Lake and Stream Protection Section

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DJH:MV/cs

cc: BASF Wyandotte (T. Piper)  
Office of Toxic Materials  
Water Quality Division  
Resource Recovery Division ✓

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JUL 17 1980  
RESOURCE RECOVERY  
DIVISION OFFICE

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RESOURCE RECOVERY  
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